



HAZARDOUS MATERIALS TRANSPORTATION CERTIFICATION WORKSHOP

AGENDA

The following topics are presented in the form of lecture, guided discussion, question-and-answer sessions, and practical exercises. Additional training may be needed for the management of explosives (1), radioactives (7) and infectious substances (6.2).

General Awareness

- Training requirements
- Structure & applicability of regulations
- The “Ten Step” process for preparing and offering hazmat
- DOT penalties and enforcement
- Hazard Class definitions

Classification

- What are the “hazardous materials” criteria?
- The classification process
- Multiple hazard materials
- Special issues: forbidden materials, samples, combustibles
- Additional requirements for airplane hazards, hazardous substances, marine pollutants and others
- Hazardous wastes as hazardous materials

Proper Shipping Names

- Using the Hazardous Materials Table (49 CFR 172.101)
- Selecting a proper shipping name (PSN)
- Modifying PSNs
- Naming mixtures, solutions and samples

Packaging

- General Packaging Requirements
- Packaging authorizations
- Selecting packaging
- Special provisions
- Limited Quantities/Consumer Commodities
- Overpacks, salvage drums, empties, reuse

Marking and Labeling

- What must be marked & labeled
- How-to general requirements
- Special handling
- EPA mandates for Hazardous Waste

Shipping Papers

- Standard descriptions
- Additional entry requirements

- Shipper’s certification
- Emergency response information
- The Uniform Hazardous Waste Manifest
- Shipping paper retention

Placarding

- Bulk Packages
- Vehicles containing bulk or non-bulk packages
- The “Dangerous” placard
- Who provides/affixes placards?

Loading, Moving and Unloading

- Multimodal regulations
- Special rules for certain hazard classes
- General requirements for motor vehicles
- Segregation and separation

Incidents and Emergencies

- DOT emergencies
- Incident reporting requirements

Administration

- “Materials of Trade Exception”
- Special permits
- Petitions for rulemaking
- Preemptions
- Registration & fees

Keeping up with Changes

- The Federal Register
- Recent final rules
- Training “Hazmat Employees”

Cargo Security Awareness

- Eight critical discussion points
- Recognizing and responding to security threats
- Written security plan triggers and content
- Elements of successful security planning

Help, Support and Follow-up Resources Review, Q & A Session Certification Quiz*

South Dakota Department of Agriculture
Office of Agronomy Services
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Pierre, SD



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COURSE MATERIALS AND MEMBERSHIP SERVICES

Comprehensive Reference Materials

- ***Hazardous Materials Transportation Regulations Manual:*** More current and easier to use than the CFR, this manual contains the majority of the applicable DOT regulations, annotated with editor's notes, headings, source notes and highlighted changes for the past 12 –18 months.



- ***Hazardous Materials Transportation Workbook:*** A how-to manual on hazardous material transportation contains thoroughly researched explanations, summaries, and compliance tools; complete with checklists and references.
- ***Hazardous Materials Transportation Management Reference on CD:*** Contains the full text of the applicable regulations in our easy-to-read format. Also includes references and guidance documents to assist hazardous materials managers in developing their own security training programs and to develop a security plan, if applicable.

Certification and Additional Education Credits

Recognized and accepted by Federal and State Regulatory agencies. Upon successful completion of the workshop, students receive Lion's nationally-recognized Certificate of Achievement, 1.3 Continuing Education Units, 2.34 CM points from the American Board of Industrial Hygiene, and 16 CMPs from the Institute of Hazardous Materials Management.

Membership Follow-up Services – 365 days of regulatory support

- **Regulatory Updates:** Stay current with member-only LionCasts and timely e-newsletters and special alerts on the latest EH&S legislative actions and news. Plus, as changes occur, you can download updates to your regulations at www.lion.com.
- **Regulatory Help:** Search online FAQs or access the Finder Service for help locating regulations, forms, or other technical guidance.
- **Online Libraries:** Access hundreds of compliance documents, laws, regulations, key proposals and final rules, agency guidance documents, press releases, Federal and State contacts, and more.
- **Training Records:** Keep track of your training history. Members can access their training records at www.lion.com at any time.
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